

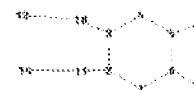
10/525,352

***** Welcome to STN International *****
***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:15:37 ON 21 JUL 2008

=> file reg

=>Uploading C:\Program Files\Stnexp\Queries\Queries\10525352.str



chain nodes :

7 8 10 11 13 14

ring nodes :

1 2 3 4 5 6

chain bonds :

2-11 3-10 5-8 6-7 10-13 11-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 2-11 3-4 3-10 4-5 5-6 5-8 6-7 10-13 11-14

isolated ring systems :

containing 1 :

G1:O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS

11:CLASS 13:Atom 14:Atom

Generic attributes :

13:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

14:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

=> s l1 sam

L2 0 SEA SSS SAM L1

=> s l1 ful

L3 12 SEA SSS FUL L1

=> file caplus

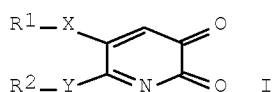
=> s l3

L5 1 L3

=> dis 15 bib abs hitstr

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:182842 CAPLUS Full-text
 DN 140:181334
 TI Preparation of ortho-pyridinequinone derivatives as selective
 cyclooxygenase inhibitors
 IN Gu, Lianquan; Wang, Jun; Xiao, Guiwu
 PA Bioright Worldwide Company Limited, Virgin I. (Brit.)
 SO PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DT Patent
 LA Chinese
 FAN.CNT 1

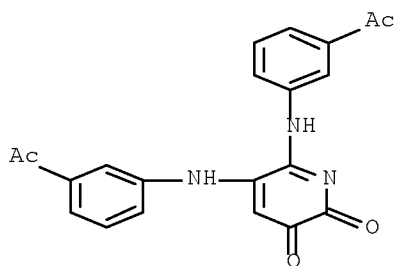
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004018427	A1	20040304	WO 2003-CN711	20030822
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CN 1477099	A	20040225	CN 2002-130161	20020823
	AU 2003257803	A1	20040311	AU 2003-257803	20030822
	US 20060111405	A1	20060525	US 2005-525352	20050902
PRAI	CN 2002-130161	A	20020823		
	WO 2003-CN711	W	20030822		
OS	CASREACT 140:181334; MARPAT 140:181334				
GI					



AB Title compds. I [R1, R2 = (un)substituted Ph, pyridyl, pyrimidyl; X, Y = N, S], useful as selective COX-2 inhibitors, are prepared Thus, reaction of 2,3-dihydroxypyridine with aniline in aqueous acetone in the presence of NaIO3 gave 25-45% 5,6-dianilino-2,3-pyridinedione. 5,6-Di(m-acetylanilino)-2,3-pyridinedione showed COX-2 inhibitor activity superior to that of celecoxib.

IT 660398-94-7
 RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); BIOL (Biological study)
 (preparation of o-pyridinequinone derivs. as selective cyclooxygenase inhibitors)

RN 660398-94-7 CAPLUS
 CN 2,3-Pyridinedione, 5,6-bis[(3-acetylphenyl)amino]- (CA INDEX NAME)



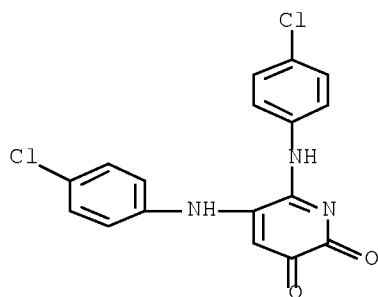
IT 660398-88-9P 660398-92-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of o-pyridinequinone derivs. as selective cyclooxygenase inhibitors)

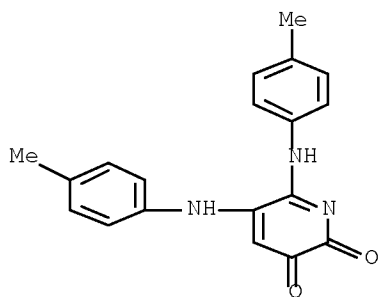
RN 660398-88-9 CAPLUS

CN 2,3-Pyridinedione, 5,6-bis[(4-chlorophenyl)amino]- (CA INDEX NAME)



RN 660398-92-5 CAPLUS

CN 2,3-Pyridinedione, 5,6-bis[(4-methylphenyl)amino]- (CA INDEX NAME)



IT 660398-83-4P 660398-84-5P 660398-85-6P

660398-86-7P 660398-87-8P 660398-89-0P

660398-90-3P 660398-91-4P 660398-93-6P

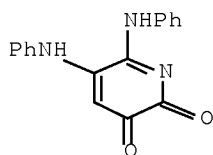
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of o-pyridinequinone derivs. as selective cyclooxygenase

inhibitors)

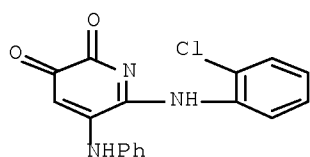
RN 660398-83-4 CAPLUS

CN 2,3-Pyridinedione, 5,6-bis(phenylamino)- (CA INDEX NAME)



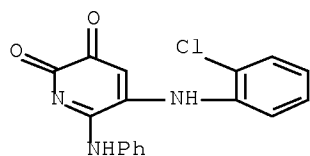
RN 660398-84-5 CAPLUS

CN 2,3-Pyridinedione, 6-[(2-chlorophenyl)amino]-5-(phenylamino)- (CA INDEX NAME)



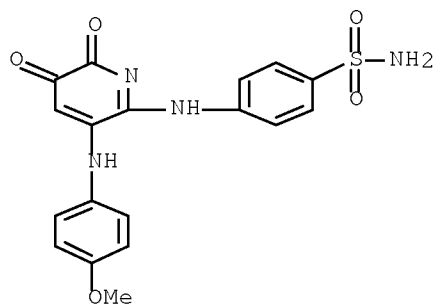
RN 660398-85-6 CAPLUS

CN 2,3-Pyridinedione, 5-[(2-chlorophenyl)amino]-6-(phenylamino)- (CA INDEX NAME)



RN 660398-86-7 CAPLUS

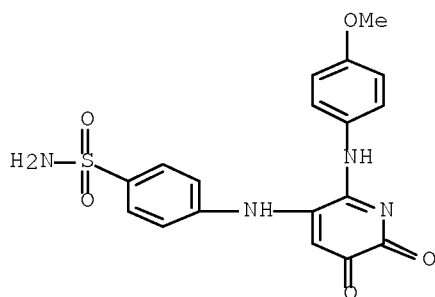
CN Benzenesulfonamide, 4-[[5,6-dihydro-3-[(4-methoxyphenyl)amino]-5,6-dioxo-2-pyridinyl]amino]- (CA INDEX NAME)



RN 660398-87-8 CAPLUS

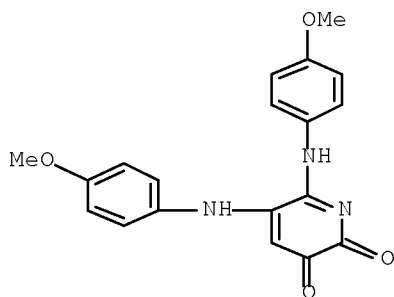
10/525,352

CN Benzenesulfonamide, 4-[[5,6-dihydro-2-[(4-methoxyphenyl)amino]-5,6-dioxo-3-pyridinyl]amino]- (CA INDEX NAME)



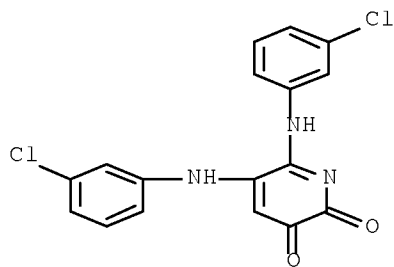
RN 660398-89-0 CAPLUS

CN 2,3-Pyridinedione, 5,6-bis[(4-methoxyphenyl)amino]- (CA INDEX NAME)



RN 660398-90-3 CAPLUS

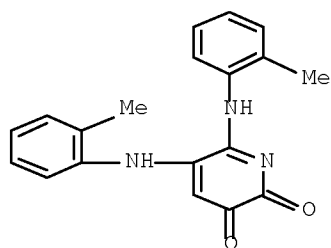
CN 2,3-Pyridinedione, 5,6-bis[(3-chlorophenyl)amino]- (CA INDEX NAME)



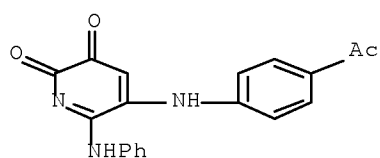
RN 660398-91-4 CAPLUS

CN 2,3-Pyridinedione, 5,6-bis[(2-methylphenyl)amino]- (CA INDEX NAME)

10/525,352



RN 660398-93-6 CAPLUS
CN 2,3-Pyridinedione, 5-[(4-acetylphenyl)amino]-6-(phenylamino)- (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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STN INTERNATIONAL LOGOFF AT 15:18:37 ON 21 JUL 2008